GENIEMAT® RST02 Sound Control Underlayment



Product Specification	
Product Name:	GenieMat RST02
Dimension:	Rollgood: 1.22 m wide, 22.9 m long (4' wide, 75' long)
Coverage:	27.94 m²
Thickness:	nom. 2 mm (5/ ₆₄ ")
Density:	Shall be > 1000 kg/m ³
Roll Weight:	54 .4 kg
Technical Data	
Reduction of Impact Sound Pressure Level: (ISO 10140)	Δ Ln,w performance of 20 dB under LVT Δ Ln,w performance of 16 dB under ceramic tile
Natural Frequency	Shall not be greater than 92 Hz @ 19.2 kN/m² (400 psf) loading
Building code	Meets and improves on Approved Document E impact performance requirements by 9 dB when used under LVT or hardwood flooring. Meets and exceeds on BCA part F5 impact performance requirements
Point Load Test for Crack Isolation Membranes: (ANSI 118.12)	Exceeds pass criteria
Puncture Testing When Installed Under Luxury Vinyl Tile: (ASTM F924)	No change when compared to puncture failure limit of luxury vinyl tile tested without underlayment
Resistance to Impact When Installed Under Luxury Vinyl Tile: (ASTM F1265)	Luxury vinyl tile shows no signs of breaking of cracking and meets standard criteria
Rolling Load Indentation When Installed Under Luxury Vinyl Tile: (ASTM F2753)	Luxury vinyl tile shows no signs of indentation and plank separation for 12,500 cycles

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Technical Data

Temperature Stability: $-40^{\circ}\text{C to} +115^{\circ}\text{C} (-40^{\circ}\text{F to} +240^{\circ}\text{F})$

Thermal resistance $0.015 \, (m^2 \text{K})/\text{W}$

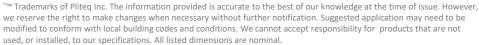
(R-value):

Thermal transmittance (U-value): $66.5 \text{ W/(m}^2\text{K)}$

Robinson Wheel Test with Extra Heavy Commercial tile (ASTM C627):















AROUND THE WORLD.



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